

WhatsApp | how to change the ID of button | wallpaper - activity\_main.xml [wallpaper.app]

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

wallpaper2 > app > src > main > res > layout > activity\_main.xml

activity\_main.xml x MainActivity.java x

1: Project  
Resource Manager  
Z: Structure  
2: Favorites  
Build Variants

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:id="@+id/constLayout"
6     android:layout_width="match_parent"
7     android:layout_height="match_parent"
8     tools:context=".MainActivity">
9
10    <TextView...>
11
12    <Button
13        android:id="@+id/btnWallchange"
14        android:layout_width="wrap_content"
15        android:layout_height="wrap_content"
16        android:text="Change Wallpaper"
17        app:layout_constraintBottom_toBottomOf="parent"
18        app:layout_constraintEnd_toEndOf="parent"
19        app:layout_constraintStart_toStartOf="parent"
20        app:layout_constraintTop_toTopOf="parent" />
21
22    </androidx.constraintlayout.widget.ConstraintLayout>
23</androidx.constraintlayout.widget.ConstraintLayout>
```

Code Split Design

Emulator: Nexus 5X API 25 2

Layout Validation

Emulator

Device File Explorer

25:3 CRLF UTF-8 4 spaces

Gradle build finished in 1 s 720 ms (12 minutes ago)

Event Log Layout Inspector

99 ENG IN 2:57 PM 5/30/2021

WhatsApp | how to change the ID of button | wallpaper - activity\_main.xml [wallpaper.app]

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

wallpaper2 > app > src > main > res > layout > activity\_main.xml

activity\_main.xml x MainActivity.java x

Code Split Design

1 1 ^ v

```
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:id="@+id/constLayout"
6     android:layout_width="match_parent"
7     android:layout_height="match_parent"
8     tools:context=".MainActivity">
9
10    <TextView...>
11
12
13
14
15
16
17
18
19
20
21
22    <Button
23        android:id="@+id/btnWallchange"
24        android:layout_width="wrap_content"
25        android:layout_height="wrap_content"
26        android:text="Change Wallpaper"
27        app:layout_constraintBottom_toBottomOf="parent"
28        app:layout_constraintEnd_toEndOf="parent"
29        app:layout_constraintStart_toStartOf="parent"
30        app:layout_constraintTop_toTopOf="parent" />
31
32</androidx.constraintlayout.widget.ConstraintLayout>
```

Emulator: Nexus 5X API 25 2

Layout Validation

Emulator

Device File Explorer

androidx.constraintlayout.widget.ConstraintLayout > Button

TODO Problems Terminal Build Logcat Profiler Database Inspector Run

Gradle build finished in 1 s 720 ms (12 minutes ago)

Event Log Layout Inspector

25:3 CRLF UTF-8 4 spaces

Windows Taskbar: Type here to search | 99 | 2:57 PM 5/30/2021



WhatsApp | how to change the ID of button | wallpaper - MainActivity.java [wallpaper.app]

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

wallpaper2 > app > src > main > java > com > example > wallpaper > MainActivity

activity\_main.xml x MainActivity.java x

```
1 package com.example.wallpaper;
2
3 import android.os.Bundle;
4 import android.os.Handler;
5 import android.view.View;
6 import android.widget.Button;
7 import android.widget.TextView;
8
9 import androidx.appcompat.app.AppCompatActivity;
10 import androidx.constraintlayout.widget.ConstraintLayout;
11 import androidx.core.content.ContextCompat;
12
13 import java.util.Random;
14
15 public class MainActivity extends AppCompatActivity {
16
17     Button btnChange;
18     ConstraintLayout constraintLayout;
19     TextView tvHome;
20
21     int[] wallpapers;
22     Handler handler;
23
24     @Override
```

Emulator: Nexus 5X API 25 2

1 ^ v

wallpaper

3:00

+

-

1:1

Emulator

Device File Explorer

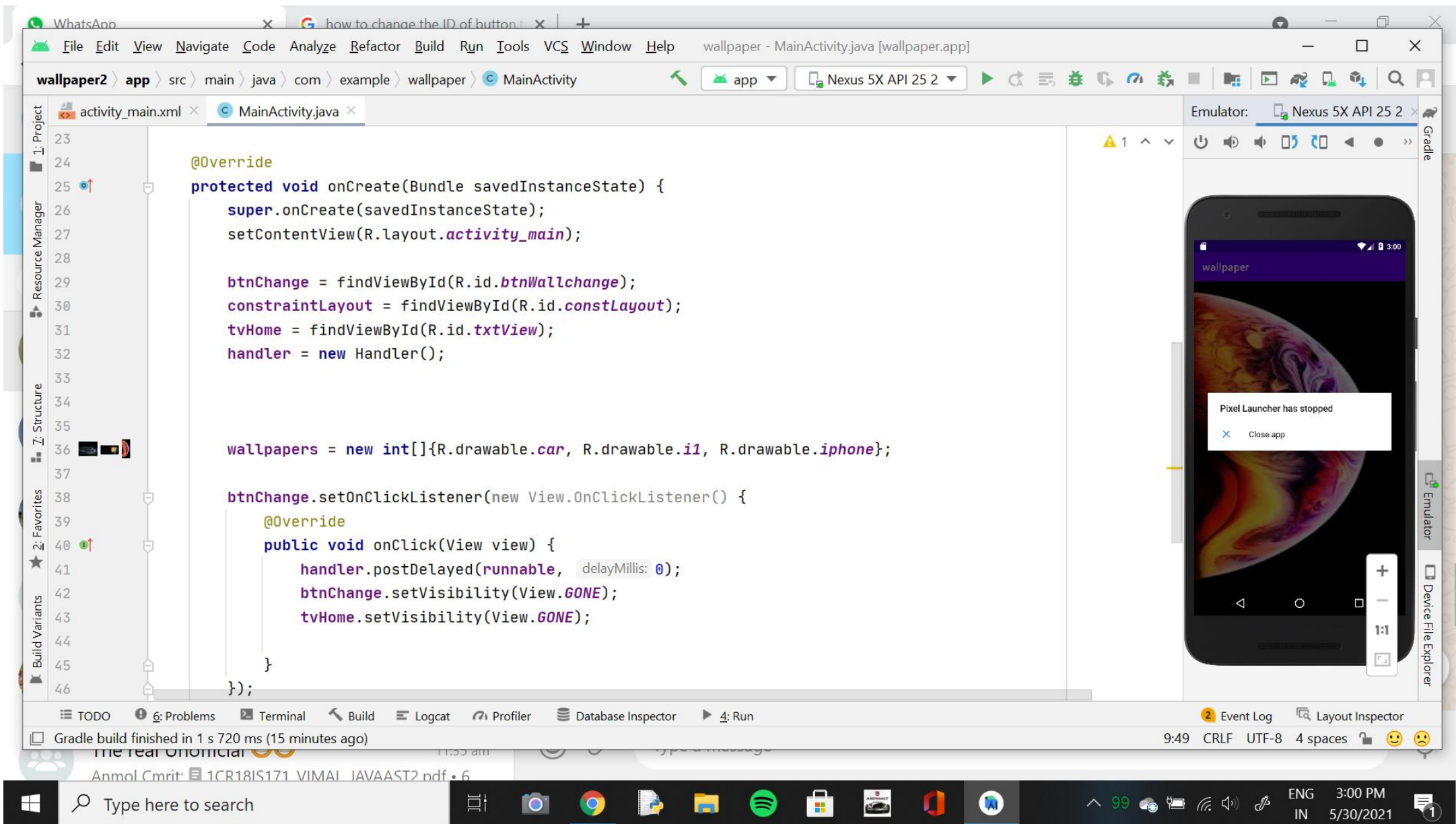
TODO Problems Terminal Build Logcat Profiler Database Inspector Run

Gradle build finished in 1 s 720 ms (15 minutes ago)

Event Log Layout Inspector

9:49 CRLF UTF-8 4 spaces

ENG IN 3:00 PM 5/30/2021





WhatsApp | how to change the ID of button | wallpaper - MainActivity.java [wallpaper.app]


File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

wallpaper2 > app > src > main > java > com > example > wallpaper > MainActivity

activity\_main.xml x MainActivity.java x

```
42         btnChange.setVisibility(View.GONE);
43         tvHome.setVisibility(View.GONE);
44     }
45 }
46 }
47 }
48
49 public Runnable runnable = new Runnable() {
50     @Override
51     public void run() {
52         int arrLength = wallpapers.length;
53         Random random = new Random();
54         int randNum = random.nextInt(arrLength);
55         constraintLayout.setBackground(ContextCompat.getDrawable(getApplicationContext(), wallpapers[randNum]));
56         handler.postDelayed(this, 3000);
57     }
58 }
59 }
```

Emulator: Nexus 5X API 25 2



Gradle

Emulator

Device File Explorer

TODO Problems Terminal Build Logcat Profiler Database Inspector Run

Gradle build finished in 1 s 720 ms (15 minutes ago)

9:49 CRLF UTF-8 4 spaces

Anmol Cmrir 1CR18IS171 VIMAL JAVAAS2.pdf • 6

Type here to search

99 ENG IN 3:00 PM 5/30/2021

WhatsApp | how to change the ID of button | wallpaper - MainActivity.java [wallpaper.app]


File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

com > example > wallpaper > MainActivity > runnable > anonymous Runnable > run

activity\_main.xml x MainActivity.java x

```
42         btnChange.setVisibility(View.GONE);
43         tvHome.setVisibility(View.GONE);
44     }
45 }
46 }
47 }
48
49 public Runnable runnable = new Runnable() {
50     @Override
51     public void run() {
52         int arrLength = wallpapers.length;
53         Random random = new Random();
54         int randNum = random.nextInt(arrLength);
55         constraintLayout.setBackground(ContextCompat.getDrawable(getApplicationContext(), wallpapers[randNum]));
56         handler.postDelayed(this, 3000);
57     }
58 }
59 }
```

Emulator: Nexus 5X API 25 2



56:4 CRLF UTF-8 4 spaces

Gradle build finished in 1 s 720 ms (15 minutes ago)

Windows taskbar: Type here to search, 99, 5/30/2021 3:00 PM